



CHOATE, HALL & STEWART

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

EXCHANGE PLACE

53 STATE STREET

BOSTON, MASSACHUSETTS 02109-2804

TELEPHONE (617) 248-5000 • FAX (617) 248-4000

WWW.CHOATE.COM



MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Express Mail No.: EV 170393602 US

Attorney Docket No.: 2003080-0142
(SK-893-B-US)

Date Filed: December 3, 2003

CERTIFICATE OF EXPRESS MAILING

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I hereby certify that this correspondence is being deposited with the United States Postal Service as "*Express Mail Post Office to Address*" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


KATHY HART GAGNON

UTILITY PATENT APPLICATION TRANSMITTAL

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)	Family Name or Surname	Residence
Samuel J.	DANISHEFSKY	22 Brayton Street Englewood, NJ 07631
Stacy J.	KEDING	1233 York Avenue, Apt. 13G New York, NY 10021

Title of the Invention: CLUSTERED MULTI-ANTIGENIC CARBOHYDRATE CONSTRUCTS,
METHODS FOR THEIR PREPARATION, AND USES THEREOF

A) APPLICATION ELEMENTS:

1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)

2) ☒ **Applicant Claims Small Entity Status** (see 37 CFR §1.27)

a) ☐ Statement Verifying Small Entity Status

3) ☒ **Specification**

TOTAL PAGES: 183

(including **166** pp. description, **16** pp. claims, **1** pg. abstract)

- Descriptive Title of the Invention
- Priority Information
- Government Support
- Background of the Invention
- Summary of the Invention
- Definitions
- Brief Description of the Drawing
- Detailed Description of Certain Preferred Embodiments of the Invention
- Equivalents
- Exemplification
- Claim(s) (**16** pp.)
- Abstract of the Invention (**1** pg.).

4) ☒ **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 35

a) ☐ Formal Drawings (if checked)

5) ☐ **Oath or Declaration**

TOTAL PAGES: _____

a) ☐ Newly Executed (original)

b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for
continuation/divisional application

c) ☐ Unexecuted

6) ☐ **Application Data Sheet.** See 37 CFR 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are
necessary)

a) ☐ Computer Readable Form (CRF)

- b) ☐ Specification Sequence Listing on:
- i) ☐ CD-ROM or CR-R (2 copies); or
- ii) ☐ Paper (☐ pages)
- c) ☐ Statements verifying identity of above copies
- d) ☐ Amendment Introducing Sequence Listing

B) ACCOMPANYING APPLICATION PARTS:

- 9) ☐ **Assignment Papers**
- 10) ☐ **37 C.F.R. § 3.73(b) Statement**
- 11) ☐ **Power of Attorney;**
- 12) ☐ **English Translation Document** (if applicable)
- 13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**
- 14) ☐ **Statement Under 37 C.F.R. §§ 1.56, 1.97 and 1.98**
- 15) ☐ **Copies of IDS Citations**
- 16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) ☒ **OTHER:** (if applicable, specified below)
- (a) Appendix A – Cross-Linking (30 pp.)**

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ CONTINUATION ☐ DIVISIONAL ☒ CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO:	10/209,618
FILED:	July 31, 2002
EXAMINER:	Karen A. Canella
GROUP/ART UNIT:	1642

FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY: THE ENTIRE DISCLOSURE OF THE PRIOR APPLICATION, FROM WHICH AN OATH OR DECLARATION IS SUPPLIED AS DETAILED ABOVE, IS CONSIDERED A PART OF THE DISCLOSURE OF THE ACCOMPANYING CONTINUATION OR DIVISIONAL APPLICATION AND IS HEREBY INCORPORATED BY REFERENCE.

D.) PRIORITY CLAIM(S):

This application claims the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

10/209,618	July 31, 2002	Pending
09/641,742	August 18, 2000	Pending
Application Number	Filing Date	Status

PCT Applications designating the United States:

PCT/US03/22657	July 18, 2003	Pending
Application Number	Filing Date	Status

This application claims the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

60/150,088	August 20, 1999	Expired
Application Number	Filing Date	Status

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

 X Applicant claims small entity status 37 CFR §1.27

 X A check in the amount of \$ 1,277.00

 X The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number 03-1721.

Basic Filing Fee (<u>SMALL</u> Entity)	\$385.00
Additional Fees:	
Total Number of Claims in excess of 20: (103 - 20) = <u>83</u> x \$9	\$747.00
Number of Independent Claims in excess of 3: <u>(0)</u> x \$43	\$0.00
Multiple Dependent Claims – YES	<u>\$145.00</u>
Total Filing Fee:	\$1,277.00

F) CORRESPONDENCE ADDRESS:

PATENT GROUP
Choate, Hall & Stewart
53 State Street
Exchange Place
Boston, MA 02109
ATTN: Nadège M. Lagneau, Ph.D.
Telephone: (617) 248-5000
Facsimile: (617) 248-4000

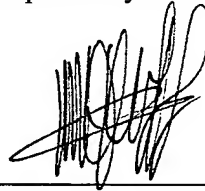
G) GOVERNMENT SUPPORT:

THE INVENTION WAS MADE BY AN AGENCY OF THE UNITED STATES GOVERNMENT OR UNDER A CONTRACT WITH AN AGENCY OF THE UNITED STATES GOVERNMENT:

 NO

 X YES, THE NAME OF THE U.S. GOVERNMENT AGENCY AND THE GOVERNMENT CONTRACT NUMBER ARE : NATIONAL INSTITUTES OF HEALTH GRANT NUMBERS AI16943, AI51883 AND CA28824.

Respectfully Submitted,



Dated: December 3, 2003

Nadège M. Lagneau, Ph.D.
Reg. No. 51,908

PATENT GROUP
CHOATE, HALL & STEWART
53 State Street
Exchange Place
Boston, MA 02109
Telephone: (617) 248-5000
Facsimile: (617) 248-4000